

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013943.D
 Acq On : 03 Mar 2023 14:15
 Operator : CG/JU
 Sample : 01749-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-11

Quant Time: Mar 04 00:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	103885	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	369108	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	227062	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	506862	20.000	ng	0.00
76) Chrysene-d12	21.556	240	609193	20.000	ng	#-0.01
86) Perylene-d12	24.103	264	718183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	903212	143.292	ng	0.00
7) Phenol-d6	7.245	99	1131065	140.108	ng	0.00
23) Nitrobenzene-d5	9.263	82	724212	105.951	ng	0.00
42) 2,4,6-Tribromophenol	16.221	330	527400	159.563	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1535640	88.831	ng	0.00
79) Terphenyl-d14	20.015	244	2905657	91.768	ng	0.00

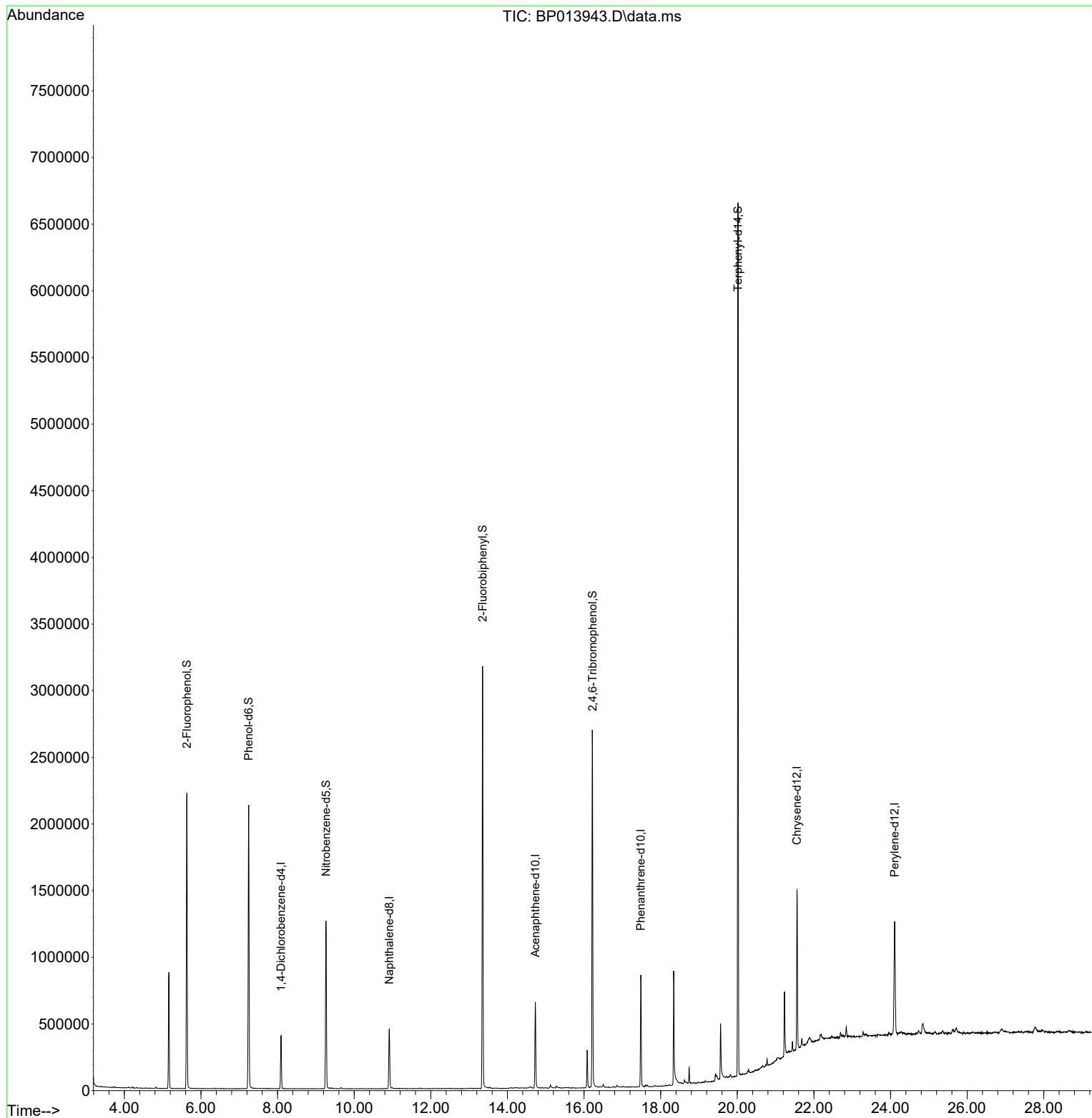
Target Compounds	Qvalue

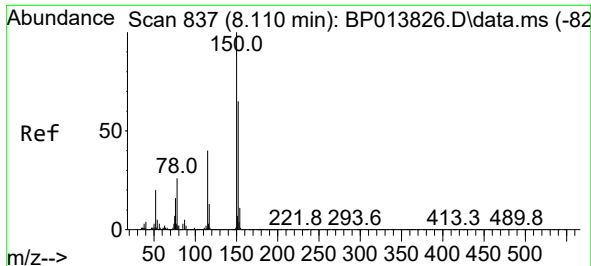
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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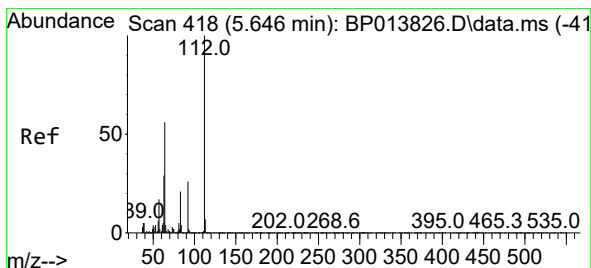
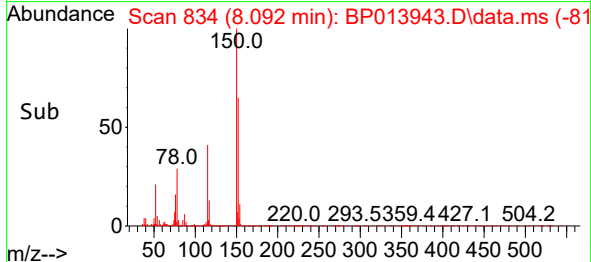
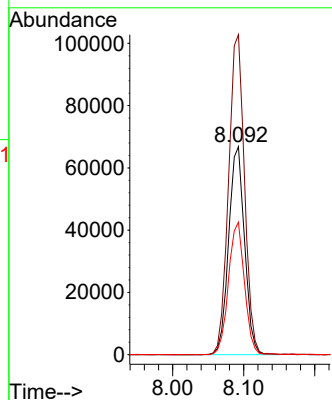
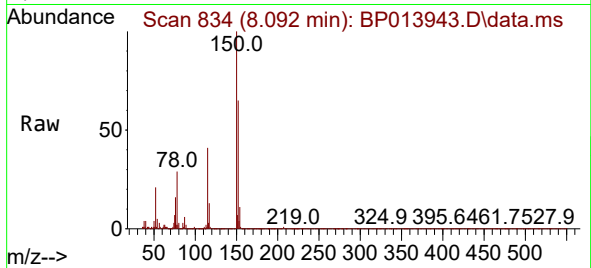




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

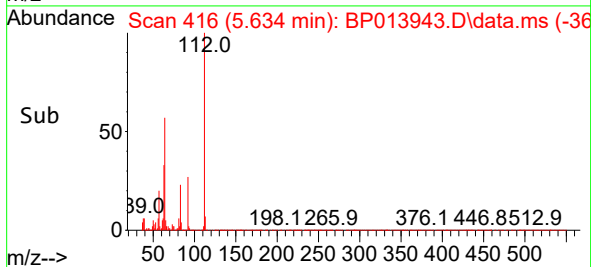
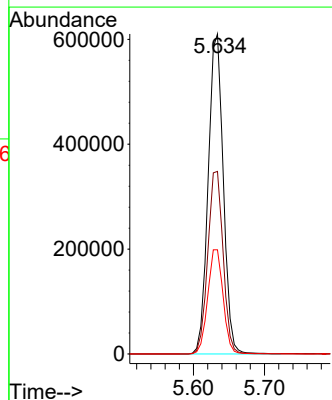
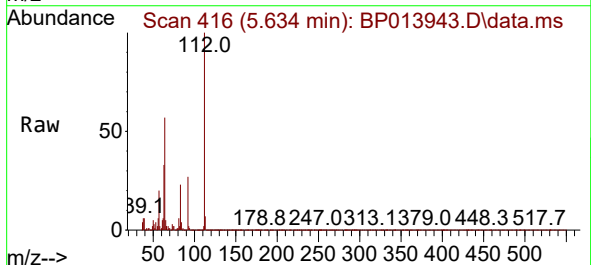
Instrument :
BNA_P
ClientSampleId :
CF-11

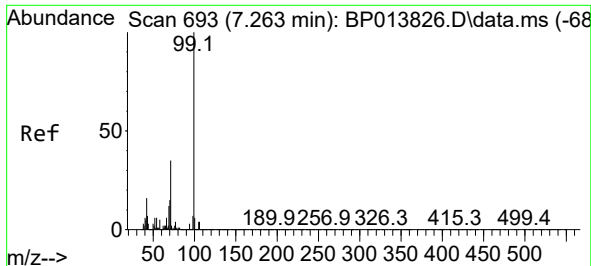
Tgt Ion:152 Resp: 103885
Ion Ratio Lower Upper
152 100
150 153.8 122.8 184.2
115 63.7 49.0 73.6



#5
2-Fluorophenol
Concen: 143.292 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:112 Resp: 903212
Ion Ratio Lower Upper
112 100
64 57.1 44.6 66.8
63 32.5 23.6 35.4

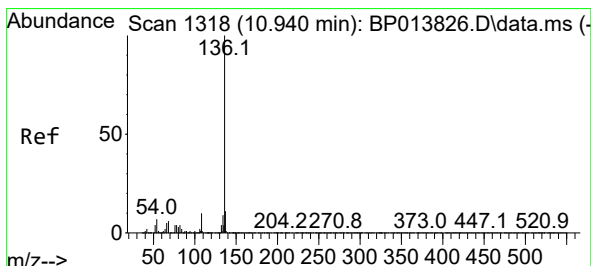
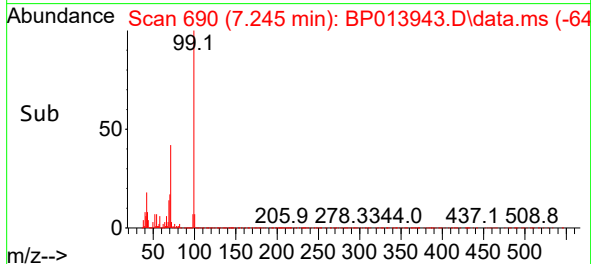
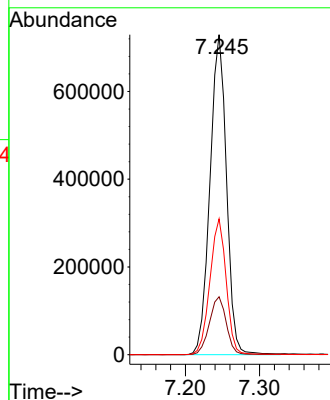
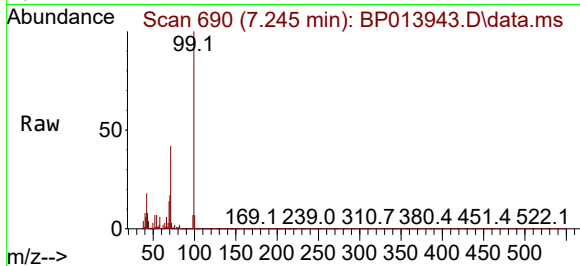




#7
Phenol-d6
Concen: 140.108 ng
RT: 7.245 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

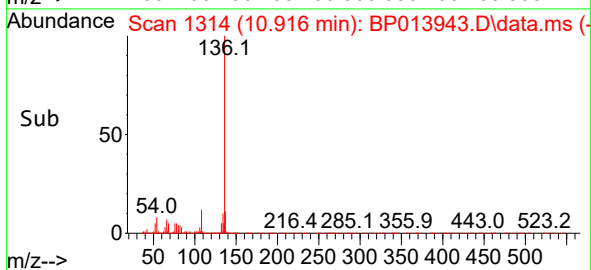
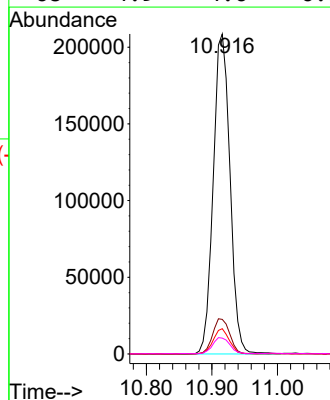
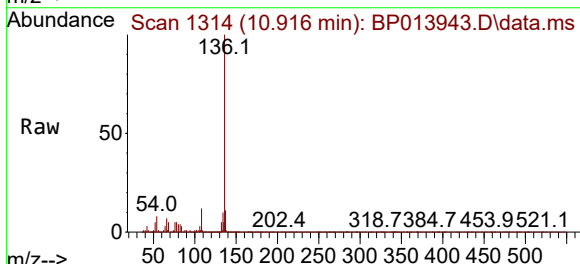
Instrument :
BNA_P
ClientSampleId :
CF-11

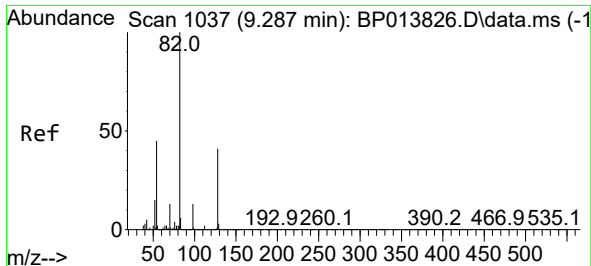
Tgt Ion: 99 Resp: 1131065
Ion Ratio Lower Upper
99 100
42 18.1 12.5 18.7
71 42.4 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion: 136 Resp: 369108
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.9 5.8 8.6
68 4.9 4.6 6.8

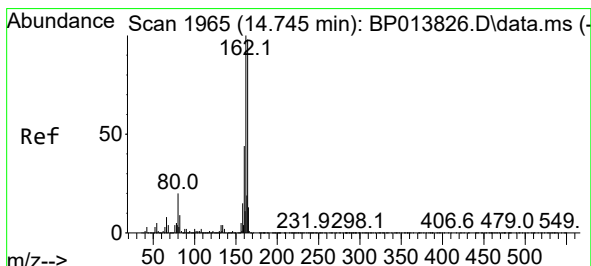
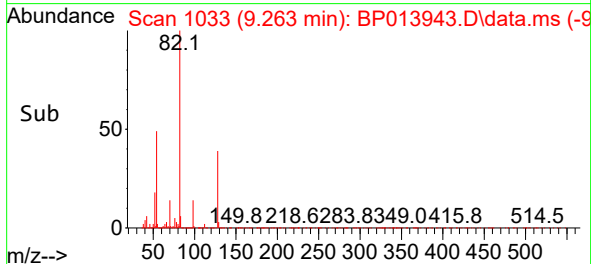
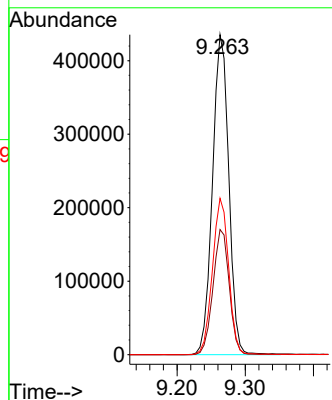
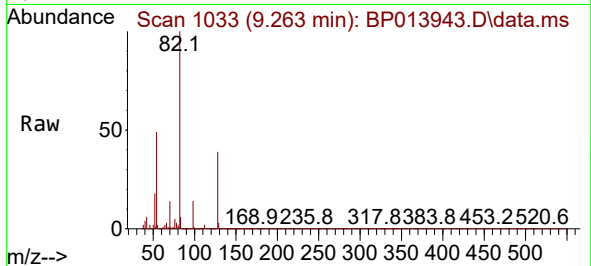




#23
Nitrobenzene-d5
Concen: 105.951 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

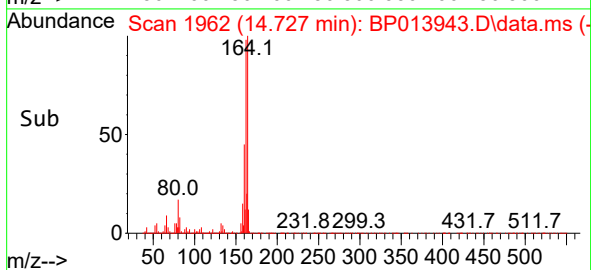
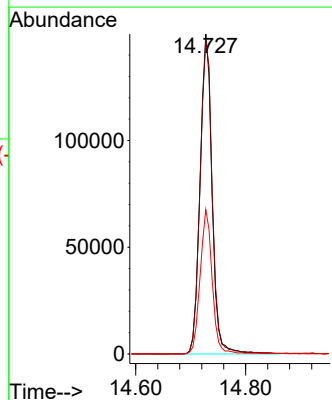
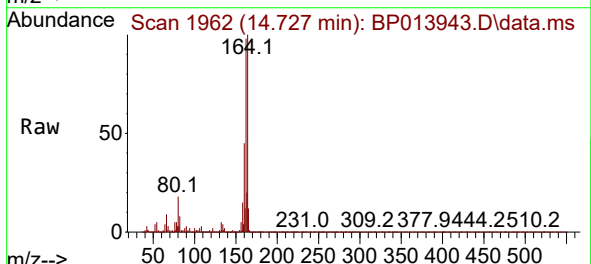
Instrument :
BNA_P
ClientSampleId :
CF-11

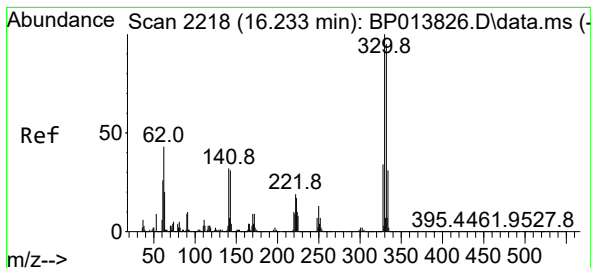
Tgt Ion: 82 Resp: 724212
Ion Ratio Lower Upper
82 100
128 39.1 32.9 49.3
54 48.9 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:164 Resp: 227062
Ion Ratio Lower Upper
164 100
162 98.2 81.7 122.5
160 45.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 159.563 ng

RT: 16.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

ClientSampleId :

CF-11

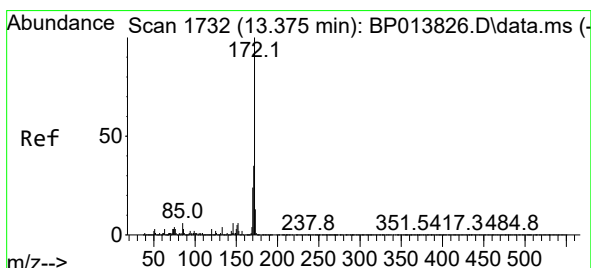
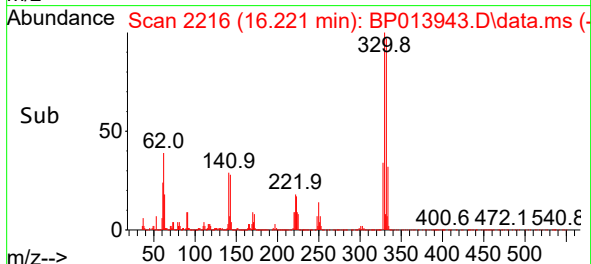
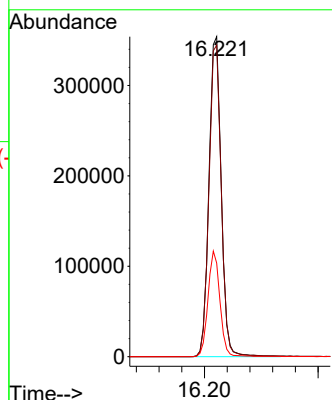
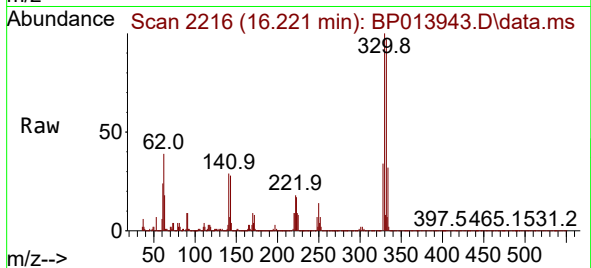
Tgt Ion:330 Resp: 527400

Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 32.2 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 88.831 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

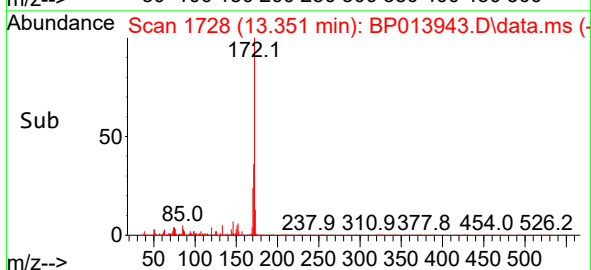
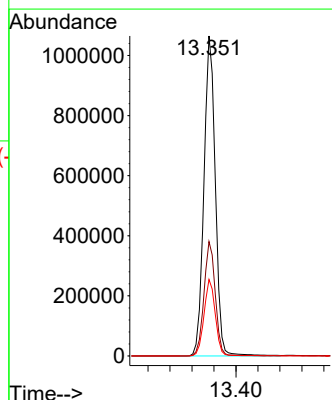
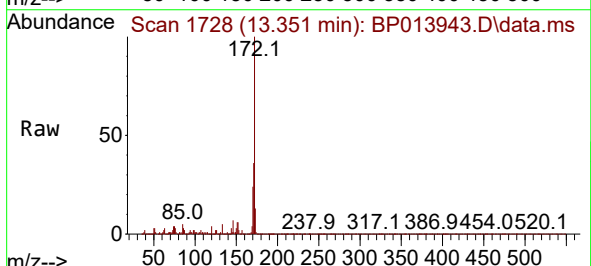
Tgt Ion:172 Resp: 1535640

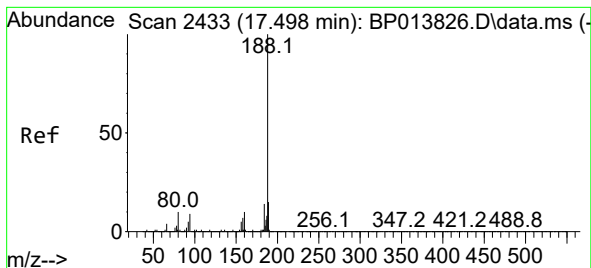
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.480 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

ClientSampleId :

CF-11

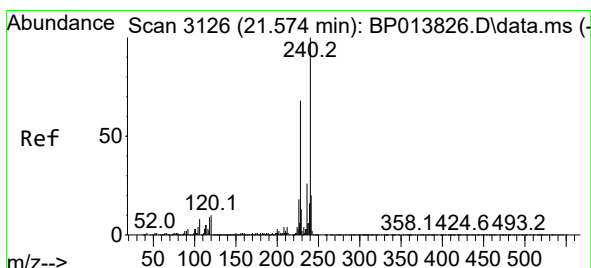
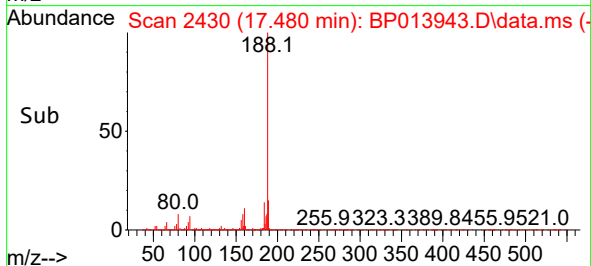
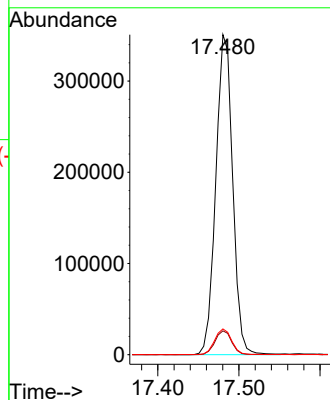
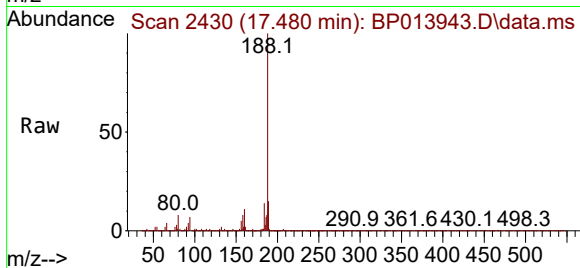
Tgt Ion:188 Resp: 506862

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.1 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.012 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

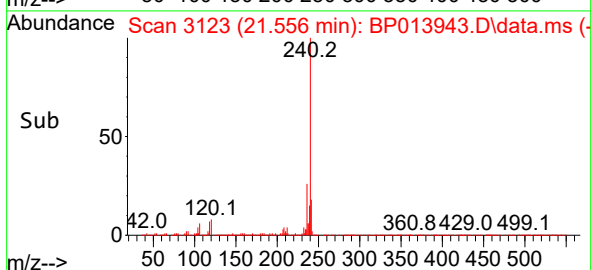
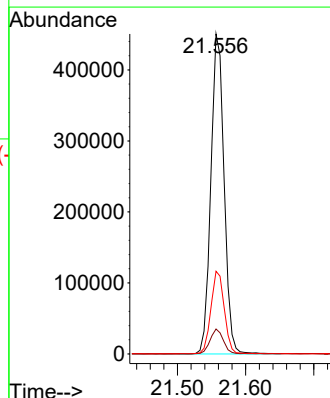
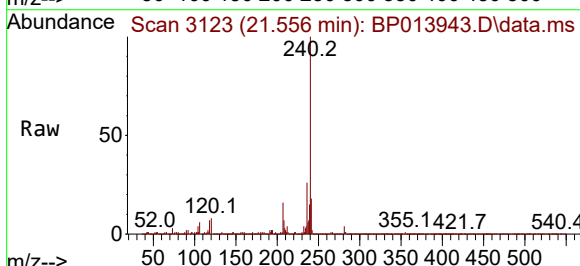
Tgt Ion:240 Resp: 609193

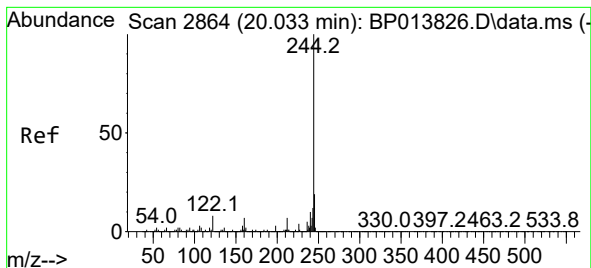
Ion Ratio Lower Upper

240 100

120 7.8 7.9 11.9#

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 91.768 ng

RT: 20.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

ClientSampleId :

CF-11

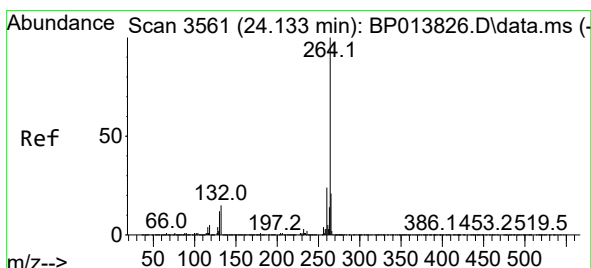
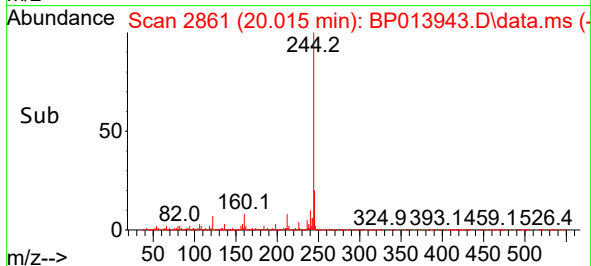
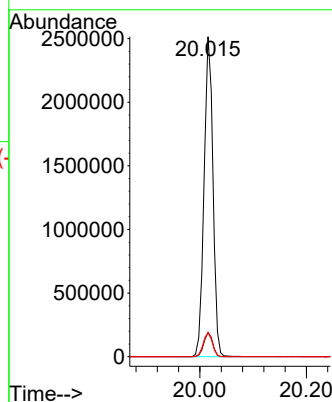
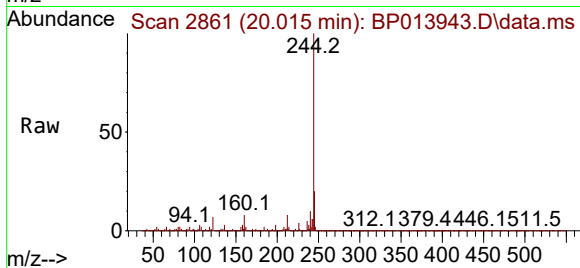
Tgt Ion:244 Resp: 2905657

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 7.5 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.103 min Scan# 3556

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Tgt Ion:264 Resp: 718183

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.1 17.6 26.4

